

ASSAP MOPS AI #3,13 Status

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- **AI #3: Develop/discuss filtering constraints (e.g., number, range, altitude, vertical height) as relate to the LA Basin 2020 scenario and projected traffic densities.**
- **AI #13: Determine the tracking capacity based on supporting the ASA applications. The CD application desires 90 NM.**
- **Status:**
 - **Contacted Mike Castle from APL. He is willing to give us LA2020 and Europe 2015 information given that we provide him with some specific criteria.**



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- **The CD application requires the greatest “airborne” coverage volume of 45 NM and +/- 15,600 ft (of the 5 applications in consideration)**
 - According to the ASA MASPS, Table 3-11 for LA2020 has 257 “airborne” aircraft in a 50NM range
 - Need help to determine if the coverage volume is actually less in high-density airspace in order to reduce the number of traffic to be tracked
 - Excerpts from the ASA MASPS:
 - ▶ From pg. D-2, “The CD application will be used in all airborne airspace domains, i.e., en route, terminal, and oceanic/remote.”
- **According to the ASA MASPS, the ASSA and FAROA applications define a “surface” coverage as follows (excerpt from the ASA MASPS; same for FAROA):**
 - “The ASSA application shall be able to process and display all operationally significant traffic.
 - *Note: Operationally significant traffic for ASSA includes at least the 10 closest airborne vehicles and the 30 closest surface A/Vs.”*

